

**AMENDMENTS TO THE CLAIMS:**

**The following list of claims will replace all prior versions and listings of claims:**

1. (Canceled)
2. (Currently Amended) A method of selecting documents from a data stream, comprising:  
selecting a profile;  
analyzing a reference corpus of documents against said profile to determine at least one document score indicative of document content relative to the profile;  
scoring at least one data stream document from said data stream against said profile to provide a document score indicative of profile content in said data stream document;  
and  
comparing said ~~scores~~ document score from said data stream document to said at least one score from said reference corpus to select said data stream document from said data stream.
3. (Original) A method as in claim 2, further comprising:  
determining a plurality of reference corpus scores defining a plurality of delivery ratios; and  
determining a delivery ratio that corresponds to said score from said data stream document to select said data stream document.
4. (Original) A method as in claim 3, wherein said delivery ratios correspond to said reference corpus scores according to an exponential decay function.

5. (Currently Amended) A method as in claim 4, wherein said step of determining a delivery ratio further includes the step of evaluating said exponential decay function as:

~~wherein  $k$  corresponds to an integer  $0 < k < n$ ,  $n$  corresponds to an integer  $\geq 1$ ,~~

$$\left[ \left[ r_k - \frac{1 \cdot a^k}{1 \cdot a^{(n+1)}} \right] \right]$$

~~$a \in (1, 4)$ , and  $r_k$  corresponds to a delivery ratio.~~

$$r_k = \frac{1 - a^{-k}}{1 - a^{-(n+1)}}$$

wherein  $k$  corresponds to an integer  $\in (0, n)$ ,  $n$  corresponds to an integer  $\geq 1$ ,  $a \in (1, \infty)$ , and  $r_k$  corresponds to a delivery ratio.

6. (Original) A method as in claim 3, wherein said delivery ratios correspond to said reference corpus scores according to a power law function.

7. (Currently Amended) A method, as in claim 6, wherein said step of determining a delivery ratio further includes the step of evaluating said power law function as:

$r_k = (K/(N+1))^{(1/S)}$ , wherein  $N$  corresponds to an integer  $\geq 1$ , and  ~~$S \in (1, 4)$~~   $S \in (1, \infty)$ .

8. (Canceled)

9. (Currently Amended) A method of retrieving information from a data source, comprising:
- receiving an information request from a communications network;
- selecting a data source;
- selecting a profile;
- analyzing a reference corpus of documents against said profile to determine at least one document score indicative of document content relative to the profile;
- scoring at least one data source document from said selected data source against said profile to provide a document score indicative of profile content in said data source document; and
- comparing said ~~scores~~ document score from said ~~selected~~ data source ~~documents~~ document to said at least one score from said reference corpus to retrieve ~~at least one document from said selected data source~~ said data source document; and
- transmitting said retrieved ~~documents~~ data source document over said communications network.
10. (Currently Amended) A method as in claim 9, further comprising:
- determining a plurality of reference corpus scores defining a plurality of delivery ratios; and
- determining a delivery ratio that corresponds to said document score from said data ~~stream~~ source document to select said data ~~stream~~ source document.
11. (Original) A method as in claim 10, wherein said delivery ratios correspond to said reference corpus scores according to an exponential decay function.

12. (Currently Amended) A method as in claim 11, wherein said step of determining a delivery ratio further includes the step of evaluating said exponential decay function as:

$$\left[ \left[ r_k - \frac{1 \cdot a^k}{1 \cdot a^{(n+1)}} \right] \right]$$

~~wherein  $k$  corresponds to an integer  $0 (0, n)$ ,  $n$  corresponds to an integer  $\geq 1$ ,  $a \in (1, 4)$ , and  $r_k$  corresponds to a delivery ratio.~~

$$r_k = \frac{1 - a^{-k}}{1 - a^{-(n+1)}}$$

wherein  $k$  corresponds to an integer  $\in (0, n)$ ,  $n$  corresponds to an integer  $\geq 1$ ,  $a \in (1, \infty)$ , and  $r_k$  corresponds to a delivery ratio.

13. (Original) A method as in claim 10, wherein said delivery ratios correspond to said reference corpus scores according to a power law function.
14. (Currently Amended) A method, as in claim 13, wherein said step of determining a delivery ratio further includes the step of evaluating said power law function as:  
 $r_k = (K/(N+1))^{(1/S)}$ , wherein  $N$  corresponds to an integer  $\geq 1$ , and  ~~$S \in (1, 4)$~~   $S \in (1, \infty)$ .
15. (Currently Amended) A computer system for retrieving information from a data source, comprising:  
 a central processing unit coupled to a memory unit, an input system and a communications network;

said central processing unit executes instructions retrieved from said memory in response to commands entered into said input system, said central processing unit transmits a request over said communications network, said request causes a computer system receiving said request to:

- i) select a data source;
- ii) select a profile;
- iii) analyze a reference corpus of documents against said profile to determine at least one document score indicative of document content relative to the profile;
- iv) score at least one data source document from said selected data source against said profile to provide a document score indicative of profile content in said data source document;
- v) compare said ~~scores~~ document score from said selected data source ~~documents~~ document to said at least one score from said reference corpus to select ~~at least one document from said selected data source~~ said data source document; and
- vi) transmit said selected ~~documents~~ data source document over said communications network; and

said central processing unit executes instructions to retrieve said selected ~~documents~~ data source document from said communications network.

16. (Currently Amended) A system, as in claim 15, wherein said receiving computer system:

determines a plurality of reference corpus scores defining a plurality of delivery ratios; and

determines a delivery ratio that corresponds to said score from said data ~~stream~~ source document to select said data ~~stream~~ source document.

17. (Original) A system as in claim 16, wherein said delivery ratios correspond to said reference corpus scores according to an exponential decay function.
18. (Currently Amended) A method as in claim 17, wherein said step of determining a delivery ratio further includes the step of evaluating an exponential decay function as:  
~~wherein  $k$  corresponds to an integer  $0 (0, n)$ ,  $n$  corresponds to an integer  $\geq 1$ ,~~

$$\left[ \left[ r_k - \frac{1 \cdot a^k}{1 \cdot a^{(n+1)}} \right] \right]$$

~~$a \in (1, 4)$ , and  $r_k$  corresponds to a delivery ratio.~~

$$r_k = \frac{1 - a^{-k}}{1 - a^{-(n+1)}}$$

wherein  $k$  corresponds to an integer  $\in (0, n)$ ,  $n$  corresponds to an integer  $\geq 1$ ,  $a \in (1, \infty)$ , and  $r_k$  corresponds to a delivery ratio.

19. (Original) A method as in claim 17, wherein said delivery ratios correspond to said reference corpus scores according to a power law function.
20. (Currently Amended) A method, as in claim 19, wherein said step of determining a delivery ratio further includes the step of evaluating said power law function as:

$r_k = (K/(N+1))^{(1/S)}$ , wherein N corresponds to an integer  $\geq 1$ , and  ~~$S \in (1, 4)$~~   $S \in (1, \infty)$ .